Ontario

Ministry of
Northern Development
and Mines

René Fontaine
Minister

George Tough
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

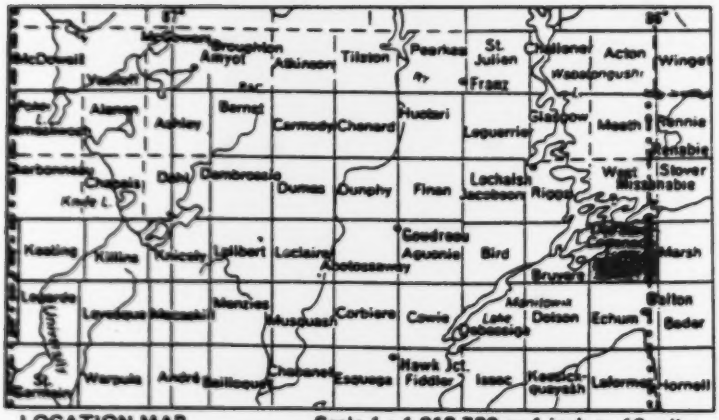
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 295

# COPENACE TOWNSHIP

DISTRICT OF ALGOMA

Compiled by the staff of
the Resident Geologist's Office
Sault Ste. Marie




LOCATION MAP

Scale 1 : 1 013 760 or 1 inch to 16 miles

86-04703/

NTS Number 42 C/08

Mining Claim Map Number M - 1580

STATEMENT This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1986: Copenace Township, District of Algoma; Ontario Geological Survey, Geological Data Inventory Folio 295 , compiled by the staff of the Resident Geologist's Office, Sault Ste. Marie, 14 pages and 2 maps.

Original Compilation by: Messenger, D.E., 1985

| Date | Page Revised | Revised by |
|---|---|---|
| | | |

| Date | Page Revised | Revised by |
|---|---|---|
| | | |

COPENACE TOWNSHIP

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## ACCOMPANYING MAPS

Property Location Map - 1 map

Exploration Data Map - 1 map

Map Scale 1: 31 680 or 1 inch to ½ mile

# CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

**If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:**

| CONVERSION FROM SI TO IMPERIAL | | | CONVERSION FROM IMPERIAL TO SI | | |
|---|---|---|---|---|---|
| *SI Unit* | *Multiplied by* | *Gives* | *Imperial Unit* | *Multiplied by* | *Gives* |
| | | | **LENGTH** | | |
| 1 mm | 0.039 37 | inches | 1 inch | **25.4** | mm |
| 1 cm | 0.393 70 | inches | 1 inch | **2.54** | cm |
| 1 m | 3.280 84 | feet | 1 foot | **0.304 8** | m |
| 1 m | 0.049 709 7 | chains | 1 chain | 20.116 8 | m |
| 1 km | 0.621 371 | miles (statute) | 1 mile (statute) | **1.609 344** | km |
| | | | **AREA** | | |
| 1 $cm^2$ | 0.155 0 | square inches | 1 square inch | **6.451 6** | $cm^2$ |
| 1 $m^2$ | 10.763 9 | square feet | 1 square foot | **0.092 903 04** | $m^2$ |
| 1 $km^2$ | 0.386 10 | square miles | 1 square mile | 2.589 988 | $km^2$ |
| 1 ha | 2.471 054 | acres | 1 acre | 0.404 685 6 | ha |
| | | | **VOLUME** | | |
| 1 $cm^3$ | 0.061 02 | cubic inches | 1 cubic inch | **16.387 064** | $cm^3$ |
| 1 $m^3$ | 35.314 7 | cubic feet | 1 cubic foot | 0.028 316 85 | $m^3$ |
| 1 $m^3$ | 1.308 0 | cubic yards | 1 cubic yard | 0.764 555 | $m^3$ |
| | | | **CAPACITY** | | |
| 1 L | 1.759 755 | pints | 1 pint | 0.568 261 | L |
| 1 L | 0.879 877 | quarts | 1 quart | 1.136 522 | L |
| 1 L | 0.219 969 | gallons | 1 gallon | **4.546 090** | L |
| | | | **MASS** | | |
| 1 g | 0.035 273 96 | ounces (avdp) | 1 ounce (avdp) | 28.349 523 | g |
| 1 g | 0.032 150 75 | ounces (troy) | 1 ounce (troy) | 31.103 476 8 | g |
| 1 kg | 2.204 62 | pounds (avdp) | 1 pound (avdp) | **0.453 592 37** | kg |
| 1 kg | 0.001 102 3 | tons (short) | 1 ton (short) | 907.184 74 | kg |
| 1 t | 1.102 311 | tons (short) | 1 ton (short) | 0.907 184 74 | t |
| 1 kg | 0.000 984 21 | tons (long) | 1 ton (long) | 1016.046 908 8 | kg |
| 1 t | 0.984 206 5 | tons (long) | 1 ton (long) | 1.016 046 906 8 | t |
| | | | **CONCENTRATION** | | |
| 1 g/t | 0.029 166 6 | ounce (troy)/ ton (short) | 1 ounce (troy)/ ton (short) | 34.285 714 2 | g/t |
| 1 g/t | 0.583 333 33 | pennyweights/ ton (short) | 1 pennyweight/ ton (short) | 1.714 285 7 | g/t |

**OTHER USEFUL CONVERSION FACTORS**

| | | |
|---|---|---|
| 1 ounce (troy)/ton (short) | 20.0 | pennyweights/ton (short) |
| 1 pennyweight/ton (short) | 0.05 | ounce (troy)/ton (short) |

**One gram(g) per tonne is equivalent to one part per million (1 ppm).**

**NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.**

# DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

| | SOURCES OF DATA | Data | Initial |
|---|---|---|---|
| 1 | Resident Geologist's Office Files | Yes | D.M. |
| 2 | Assessment Files Research Office, Toronto | Yes | A.F.R.O. |
| 3 | ODM General Index; 9 Volumes | Yes | D.M. |
| 4 | Catalogue of Airborne Geophysical Surveys (ODM) | No | D.M. |
| 5 | ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars | Yes | D.M. |
| 6 | ODM Industrial Mineral Reports | No | D.M. |
| 7 | Bibliography of Post Precambrian Theses - Karrow (ODM MP 1) | No | D.M. |
| 8 | Bibliography of Precambrian Theses - Ginn (ODM MP 2) | No | D.M. |
| 9 | Newspaper Clippings File | No | D.M. |
| 10 | GSC Index to Publications | Yes | D.M. |
| 11 | OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77 | No | D.M. |
| 12 | OGS Index Maps | Yes | D.M. |
| 13 | Source Mineral Deposit Records (O.G.S.) | No | D.M. |
| 14 | Author - Subject Articles File | No | D.M. |
| 15 | Miscellaneous Papers: ODM & OGS | No | D.M. |
| 16 | ODM Geological Circulars: OGS Study Series | No | D.M. |
| 17 | ODM Preliminary Reports: ODM Bulletins | No | D.M. |
| 18 | ODM – OGS Open File Reports | No | D.M. |
| 19 | OGS Northern Ontario Engineering Geology Terrain Studies | Yes | D.M. |
| 20 | OGS Aggregate Resources Inventory Papers | No | D.M. |
| 21 | OGS Mineral Potential Maps | Yes | D.M. |
| 22 | Algoma Central Railway Maps | Yes | D.M. |
| | | | |

# METALS AND MINERALS REFERENCES LIST

- △ anh. . . . . .Anhydrite
- △ ank. . . . . .Ankerite
- △ anna . . . . . Annabergite
- △ ap. . . . . .Apatite
- △ arg . . . . . Argentite
- △ As . . . . . .Arsenic
- △ asp . . . . . .Arsenopyrite
- △ asb . . . . . .Asbestos
- △ ba. . . . . .Barite
- △ be. . . . . Beryl
- △ Bi. . . . . Bismuth
- △ bn . . . . . .Bornite
- △ bran . . . . . .Brannerite
- △ bruc . . . . . .Brucite
- △ Cd . . . . . Cadmium
- △ calc. . . . . Calcite
- △ carb . . . . . .Carbonate
- △ cel . . . . . .Celestite
- △ cc. . . . . .Chalcocite
- △ cp. . . . . Chalcopyrite
- △ ch. . . . . .Chert
- △ clay . . . . . .Clay
- △ Co . . . . . Cobalt
- △ cob. . . . . Cobaltite
- △ cb. . . . . .Columbite
- △ Cu . . . . . .Copper
- △ cor . . . . . Corundum
- △ dol . . . . . Dolomite
- △ ep. . . . . Epidote
- △ ery . . . . . Erythrite
- △ fel . . . . . .Feldspar
- △ fl . . . . . .Fluorite (flurospar)
- △ fu. . . . . .Fuchsite
- △ gn. . . . . Galena
- △ gt. . . . . Garnet
- △ goe . . . . . .Goethite
- ▲ Au . . . . . Gold
- △ gf. . . . . .Graphite
- △ gl . . . . . Gravel
- △ gyp. . . . . Gypsum
- △ hem . . . . . Hematite
- △ il . . . . . Ilmenite
- △ Fe . . . . . .Iron
- △ IF. . . . . Iron Formation
- △ jas . . . . . Jasper
- △ kaol . . . . . .Kaolinite (kaolin)
- △ ky . . . . . Kyanite
- △ Pb . . . . . Lead
- △ lim . . . . . Limonite
- △ Li. . . . . Lithium
- △ mgst . . . . . Magnesite
- △ mag . . . . . Magnetite
- △ mc . . . . . Malachite
- △ Mn . . . . . Manganese
- △ mb . . . . . Marble
- △ mar. . . . . Marcasite
- △ ma . . . . . .Marl
- △ mi . . . . . Mica
- △ ml . . . . . Millerite
- △ mo . . . . . Molybdenite
- △ Mo . . . . . .Molybdenum
- △ mon . . . . . Monazite
- △ ne. . . . . Nephelite (nepheline)
- △ nc. . . . . .Niccolite
- △ Ni. . . . . Nickel
- △ Nb . . . . . .Niobium
- △ Pd . . . . . Palladium
- △ peat . . . . . .Peat
- △ pent . . . . . Pentlandite
- △ Pt. . . . . .Platinum
- ▲ py . . . . . .Pyrite
- △ pyl . . . . . Pyrochlore
- △ pyrl . . . . . .Pyrolusite
- △ po . . . . . .Pyrrhotite
- △ q . . . . . Quartz
- △ qcv . . . . .Quartz carbonate vein
- △ ra. . . . . .Radioactive minerals
- △ RE . . . . . .Rare Earths
- △ sd. . . . . Sand
- △ sgl . . . . . Sand and gravel
- △ ss . . . . . .Sandstone
- △ scap . . . . . Scapolite
- △ shee . . . . . .Scheelite
- △ serp . . . . . Serpentine
- △ sh. . . . . Shale
- △ sid . . . . . Siderite
- △ si . . . . . Silica
- △ Ag . . . . . .Silver
- △ sl . . . . . Slate
- △ sm . . . . . Smaltite
- △ sod . . . . . Sodalite
- △ spec . . . . . Specularite
- △ sp. . . . . .Sphalerite
- △ spd . . . . . .Spodumene
- △ staur . . . . . .Staurolite
- △ stib. . . . . Stibnite
- △ st . . . . . .Stone
- △ talc. . . . . .Talc
- △ Te . . . . . Tellurium
- △ td. . . . . Tetrahedrite
- △ th. . . . . .Thorite
- △ Th . . . . . .Thorium
- △ thuc . . . . . Thucholite
- △ ti . . . . . Titanite
- △ Ti. . . . . Titanium
- △ tour . . . . . .Tourmaline
- △ trap . . . . . Trap rock
- △ W. . . . . Tungsten
- △ uran . . . . . Uraninite
- △ U . . . . . .Uranium
- △ verm . . . . . .Vermiculite
- △ Y . . . . . Yttrium
- △ Zn . . . . . .Zinc
- △ zr . . . . . Zircon

**Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.**

## MINERAL OCCURRENCES

| Map Ref. Letter | Name(s) | Mineralization | Source Mineral Deposit Record | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports | Additional References and/or Remarks |
|---|---|---|---|---|---|
| A | Unnamed Occurrence | Au,py | | | -file Copenace 0011 |

GDIF FORM NO. 1

COPENACE TOWNSHIP

| TYPE OF WORK | | Numbers below represent the year in which the work was done; e.g., 68 for 1968. | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SAULT STE. MARIE | | GEOLOGICAL | GEOCHEMICAL | TRENCHING, STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES, CORRESPONDENCE | AIRBORNE MAGNETOMETER | AIRBORNE ELECTROMAGNETIC | AIRBORNE RADIOMETRIC | GROUND MAGNETOMETER | GROUND ELECTROMAGNETIC | GROUND RADIOMETRIC | INDUCED POLARIZATON | SELF POTENTIAL | RESISTIVITY | | | |
| COMPANY/AUTHOR (file number) | | | | | | | | | | | | | | | | | | | | |
| 1 | Algoma Central Railway<br>Macintosh, J.A.<br>(Copenace 0010-A1) | 62 | | | | | | 62 | | | | | | | | | | | | |
| 2 | Rupert, R.J.<br>(Copenace 0010-B1)<br>Ontario Department of Mines | 74 | | | | | | 74 | | | | | | | | | | | | |
| 3 | Sylvanite Gold Mines Ltd.<br>Gilbert, E.L.<br>(Copenace 0011) | 44 | | | | 44 | | 44 | | | | | | | | | | | | |
| 4 | Tundra Gold Mines Ltd.<br>(Copenace 0012) | | | | | | | | 84 | 84 | | | | | | | | | | |
| 4 | Tundra Gold Mines Ltd.<br>(Dolson 0017-A1) | | | | | | | | 83 | 83 | | | | | | | | | | |
| 4 | Tundra Gold Mines Ltd.<br>(Dolson 0016) | | | | | | | | 84 | 84 | | | | | | | | | | |

GDH FORM NO. 7

COPENACE TOWNSHIP

# DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth | Initial Dip of Hole | Thickness of Overburden | Total Length of Hole | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

GDIF FORM NO. 3

## AIRBORNE GEOPHYSICAL SURVEY DATA

| No. | By / For | Type of Survey | Flight Altitude | Flight Line Direction | Flight Line Spacing |
|---|---|---|---|---|---|
| 4 | -by Aerodat Limited<br>-for Tundra Gold Mines Ltd. | -a. Magnetometer<br>-b. Electromagnetic | 60 m | NE-SW | 660 ft. |

GDIF FORM NO. 4

COPENACE TOWNSHIP

## GEOCHEMICAL SURVEY DATA

| Map Sample Site Reference Number | Type of Survey | Analysis For | By | Reference |
|---|---|---|---|---|
| 1 | Lake Sediment | Zn,Cu,Pb,Ni,Co,Ag,Mn,As, Mo,Fe,U | OGS - GSC 1979 | OGS-OFR 5267 and 16 maps |

GDII FORM NO.

# MISCELLANEOUS DATA

## AGE DATING

| Site | Method | Material | Reference | Result |
|---|---|---|---|---|
| | | | | |

# NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Sault Ste. Marie

# ODM GENERAL INDEX SEARCH

**Words searched:**

Township 45
Copenace Township
Blackfish Lake
Carry
Carry Lake
Carry Creek
Murray Lake
Murray Creek
Pickle Lake

| Index Volume | Listing: | Report Volume | Part | Page |
|---|---|---|---|---|
| I | Carry Siding, E. of Missinaibi<br>Bulletin 3 Page 3 | XXII | 1 | 231 |
| II | no listings | | | |
| III | no listings | | | |
| IV | no listings | | | |
| V | no listings | | | |
| VI | no listings | | | |
| VII | no listings | | | |
| VIII | Tp. 45 Range 25, Algoma Dist. *<br>pyrite | MRC 005 | | 20 |
| IX | no listings | | | |

GDIF FORM NO. 8



* This entry should be chaned to T 26, R 25 (Debassige Twp.)

# ODM GENERAL INDEX SEARCH

Words searched:

| Index Volume | Listing: | Report Volume | Part | Page |
|---|---|---|---|---|
| | | | | |

GDIF FORM NO. 8

## SELECTED REFERENCES

| Author | Date | Title | Reference | Map Scales and/or Report Pages |
|---|---|---|---|---|
| V.G. Milne, et al | 1972 | Manitouwadge - Wawa Sheet | OGS Map 2220 | 1" to 4 mi. |
| O.D.M. - G.S.C. | 1963 | Aeromagnetic Map: 2207G, 2206G | Maps 2207G, 2206G | 1" to 1 mi. |
| Springer, Janet | 1977 | Ontario Mineral Potential, White River Sheet | O.G.S. Prelim. Map P. 1519 | 1:250 000 |
| McQuay, D.F. | 1980 | Northern Ontario Geology Terrain Study, Goudreau | NOEGTS Study 73 with map 5097 | 14 pages 1:100 000 |
| O.G.S. - G.S.C. | 1979 | Regional Lake Sediment and Water Geochemical Reconnaissance Data, Eastern Shore Lake Superior | OGS OFR 5267 and 16 maps | 83 pages 1:250 000 |
| Algoma Central Railway | 1964 | Manitowik Lake - Localsh | ACR Map 42C 1 & 8 | 1" to 1 mi. |
| Bell, R. | 1877 | Report of Progress 1875-76 | GSC | p. 327-341 |
| Bell, R. | 1899 | Summary Report 1898 | GSC Vol. XI, Pt. A | p. 99-106 |
| Collins, W.H., Quirke, T.T., Thomson, E. | 1926 | Michipicoten Iron Ranges | GSC Memoir 147 Pt. 2 GSC Map 2050 | p. 143-161 1" to 1 mi. |
| Burwash, E.M. | 1935 | Geology of Localsh - Missinabie Area ODM | ODM V. 44, Pt. 8 ODM Map 44C | p. 27-38 1" to 1 1/2 mi. |

GDIF FORM NO.9

## SELECTED REFERENCES

| Author | Date | Title | Reference | Map Scales and/or Report Pages |
|---|---|---|---|---|
| James, T.H. | 1952 | Sulphur and Pyrites in Canada, Canada Mines Branch | Mem. Series No. 118 | |
| Leahy, E.J., Rupert, R.J., Giblin, P.E., & Giguere, J.F. | 1971 | Wawa Sheet | ODM Prelim. Map P. 640 | 1" to 2 mi. |

GDIF FORM NO.9

# NOTES AND ADDENDA

-Brief computer based index level data files pertaining to mineral occurrences in this township or area can be found in:

1. Rose, D.G.
   1985: Mineral Inventory of the Sudbury - Timmins - Sault Ste. Marie Region, Ontario; Geological Survey Canada Open File 1087.

-Copenace Township was formerly known as Township 45.

-There is an occurrence reported in Mineral Deposit Circular number 5, page 20, as occurring in T45 R25 (Copenace Twp). This should read T26 R25 (Debassige Twp).

GDIF FORM NO.30

WEST TOWNSHIP

☆ 1- whole township

84°02'00"
48°16'00"

④

③

BRUYERE TOWNSHIP

MARCH TOWNSHIP

Murray Lake

Murray Cr.

Pickle Cr.

Pickle Lake

65

Corry

Corry Cr.

Corry Lake

Blackfish Lake

Ontario

Ministry of Northern Development and Mines

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ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 295

(Map 1 of 2)

# COPENACE TOWNSHIP

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

WEST TOWNSHIP

☆ 1–whole township

84°02'00"

48°16'00"

MARCH TOWNSHIP

Ontario

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Deputy Minister

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 295

(Map 1 of 2)

# COPENACE TOWNSHIP

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

Ontario

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 295

(Map 1 of 2)

# COPENACE TOWNSH

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

84°02'00"
48°16'00"

84°08'00"
48°12'00"

BRUYERE TOWNSHIP

MARCH TOWNSHIP

ECHUM TOWNSHIP

Murphy Lake

Corry Creek

Corry Lake

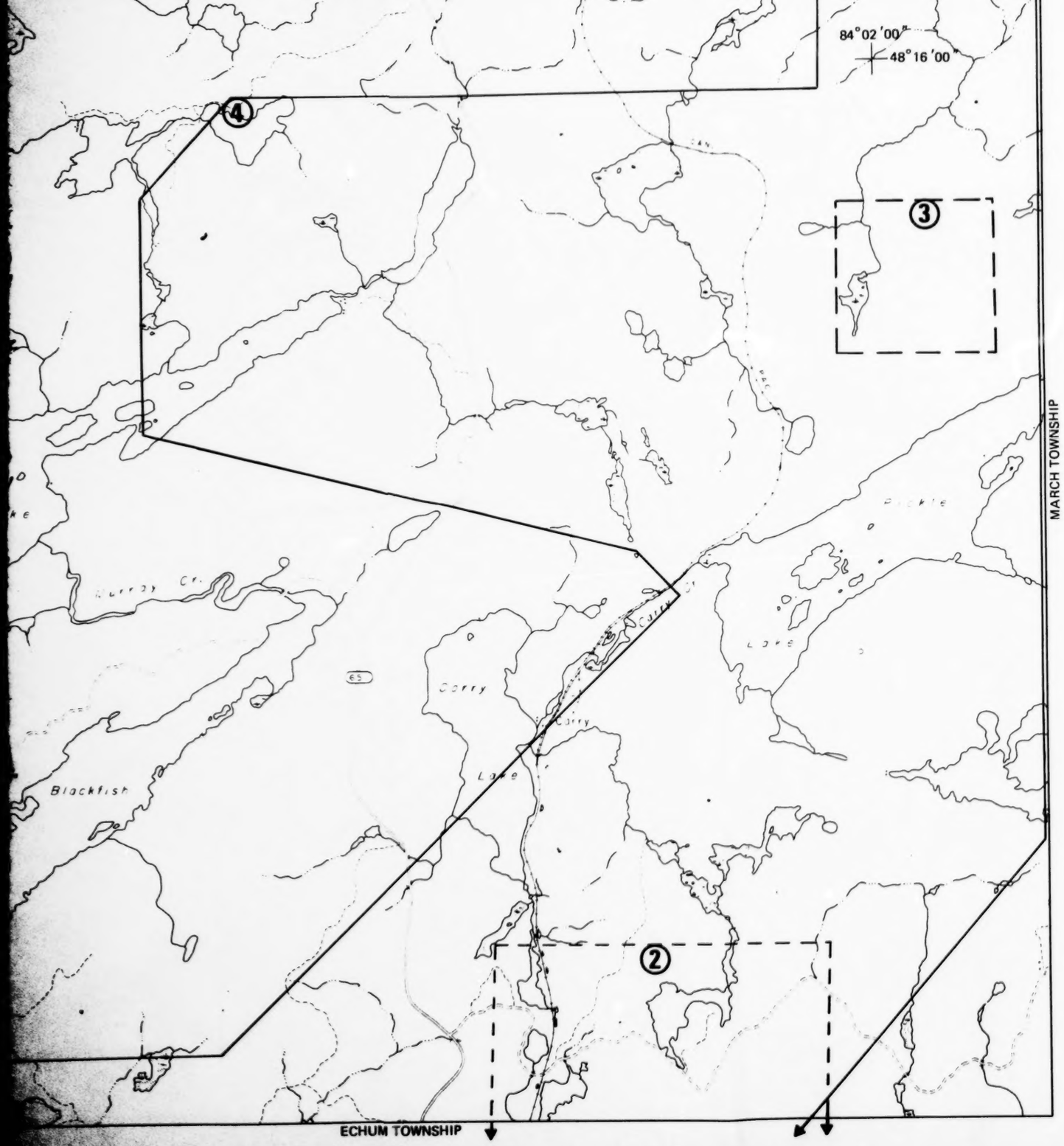
Blackfist Lake

Pickle Lake

EXPLORATION DATA FILE AREAS

Reference number is always inside work area outline. See listing in text pages.

Small area exploration.




ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 295

(Map 1 of 2)

# COPENACE TOWNSHIP

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

## EXPLORATION DATA FILE AREAS

■ ① ⑥ Reference number is always inside work area outlined. See listing in text pages.

□ x ④ Small area exploration.

TYPES OF DATA SHOWN ON THIS MAP

## GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

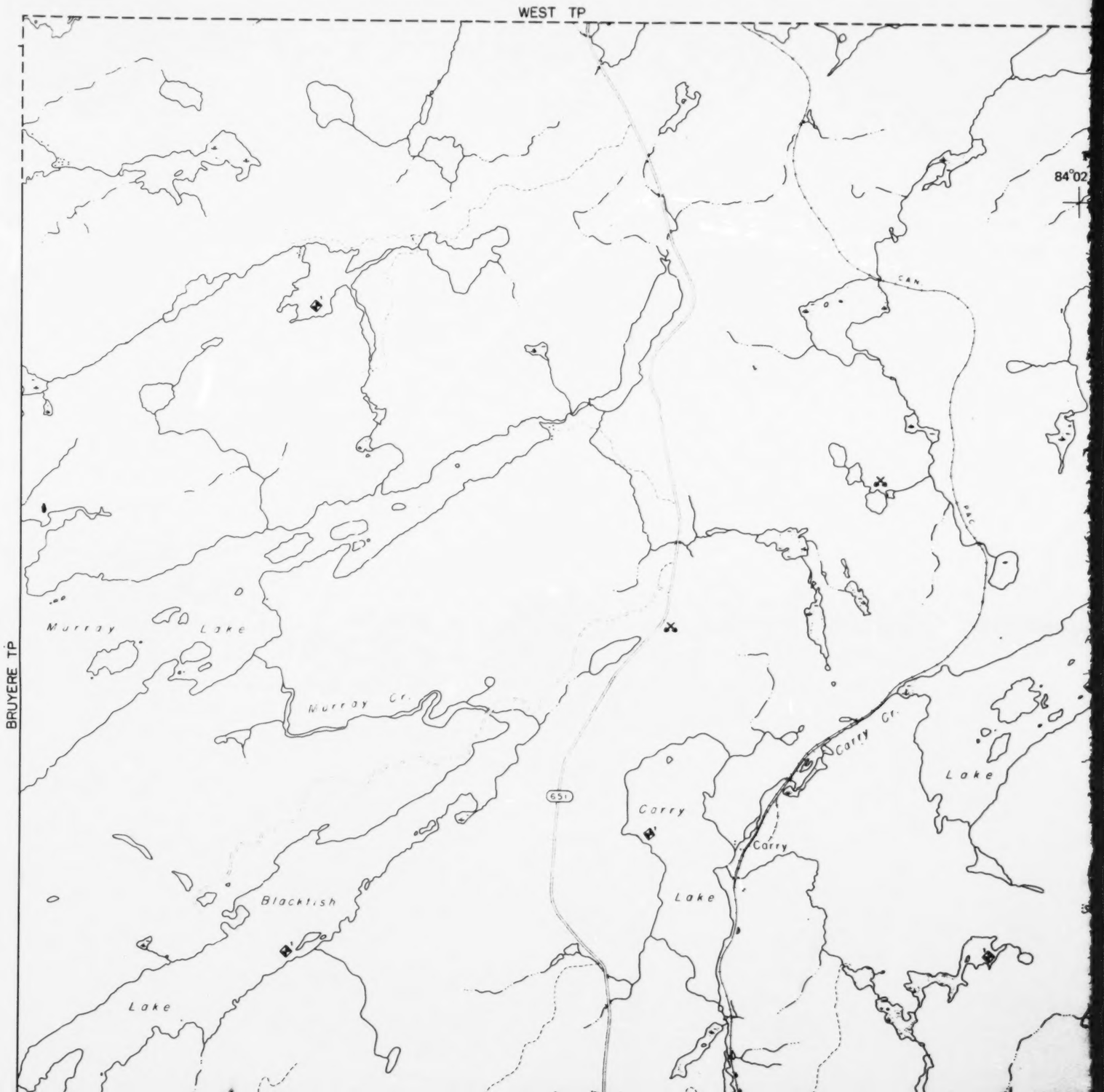
- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number

## GEOPHYSICAL ANOMALIES

- Airborne magnetic anomaly
- Airborne electromagnetic anomaly
  Length of anomaly along flight line
- Airborne electromagnetic anomaly
  Location of anomaly along flight line
- Airborne electromagnetic anomaly
  Conductor axis: definite, probable, possible
- Airborne radiometric anomaly
- Ground magnetic anomaly
- Ground electromagnetic anomaly
  ( VL - Vertical loop; HL - Horzontal loop;
  VLF - Very low freq; Turam; JEM -
  Crone Em - 16 )
- Ground radiometric anomaly
- Induced polarization anomaly
- Self potential anomaly
- Audio-frequency magnetic anomaly
  (total intensity)
- Resistivity anomaly
- Gravity anomaly

## MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Open pit
- Rock quarry
- Sand and/or gravel pit



WEST TP

84°02'00"

48°16'00"

CAN.

PAC.

Au, py

Murray Lake

Murray Cr.

Pickle Lake

Carry Cr.

Carry Lake

Carry

Carry

Blacktish Lake

651

MARCH TP

Ontario

Ministry of Northern Development and Mines

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Deputy Minister

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 295

(Map 2 of 2)

# COPENACE TOWNSHIP

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

## GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

### MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized float with reference letter

### DRILLHOLE

- 2 — Location of single drillhole, with reference number
- 2 — Location of closely spaced group of drillholes, with reference number
- ? 2 — Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number

☐ ✶² Age dating material sampling site, with reference number

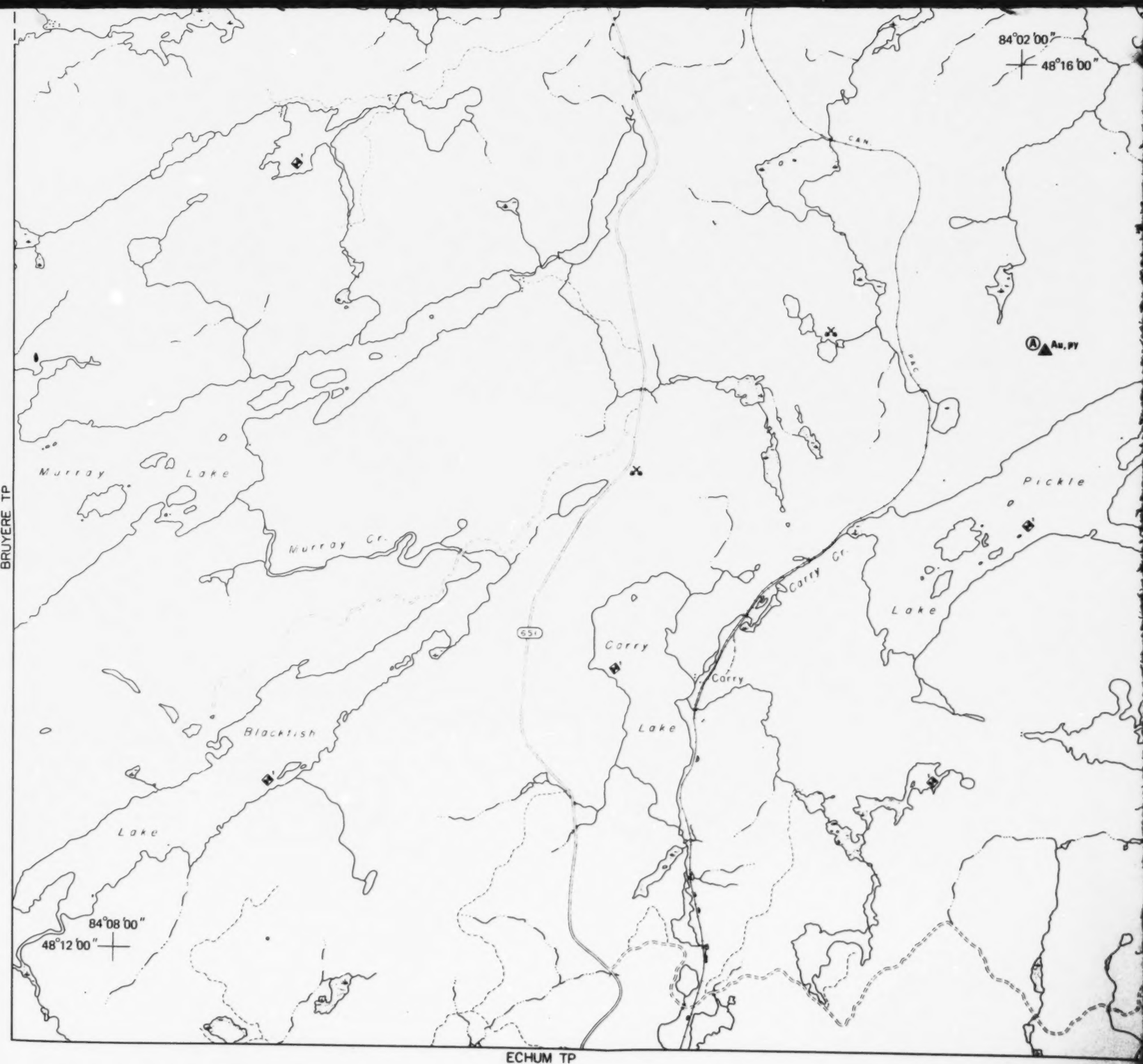
## GEOPHYSICAL ANOMALIES

- ☐ -AM- Airborne magnetic anomaly
- ☐ Airborne electromagnetic anomaly Length of anomaly along flight line
- ☐ Airborne electromagnetic anomaly Location of anomaly along flight line
- ☐ Airborne electromagnetic anomaly Conductor axis: definite, probable, possible
- ☐ -ARA- Airborne radiometric anomaly
- ☐ -M- Ground magnetic anomaly
- ☐ VL Ground electromagnetic anomaly ( VL - Vertical loop; HL - Horzontal loop; VLF - Very low freq; Turam; JEM - Crone Em - 16 )
- ☐ -RA- Ground radiometric anomaly
- ☐ -IP- Induced polarization anomaly
- ☐ -SP- Self potential anomaly
- ☐ -AFMAG- Audio-frequency magnetic anomaly (total intensity)
- ☐ -R- Res stivity anomaly
- ☐ -GR- Gravity anomaly

## MISCELLANEOUS DATA

- ☐ Trenching, pit
- ☐ Adit
- ☐ Open pit
- ☐ Rock quarry
- ■ Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.



84°02'00"

48°16'00"

Au, py

Lake

Murray Cr.

Pickle

Lake

Carry Cr.

651

Carry

Carry

Lake

Blacktish

Lake

84°08'00"

MARCH TP

ECHUM TP

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 295

(Map 2 of 2)

# COPENACE TOWNSHIP

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

## GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

### MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized float with reference letter

### DRILLHOLE

- 2 — Location of single drillhole, with reference number
- 2 — Location of closely spaced group of drillholes, with reference number
- 2 — Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- 2 — Property with drillholes which have not been plotted on map, with reference number
- 2 — Reverse circulation drillhole; churn drilling, with reference number